

WHAT IS CLAIMED IS:

1. An inkjet head system having an inkjet head and a printed board connected to said inkjet head,
wherein said inkjet head comprising:
a cavity plate formed with a plurality of ink pressure chambers arranged adjacent to each other;
a piezoelectric actuator placed on said cavity plate; and
a plurality of driving electrodes formed on said piezoelectric actuator at positions corresponding to respective ones of said plurality of ink pressure chambers, and
wherein said printed board comprising a plurality of electrode lands connected with respective ones of said plurality of driving electrodes to supply driving signals thereto, said electrode lands being connected with respective ones of said plurality of driving elements by means of magnetic force.
2. The inkjet head system according to claim 1, wherein said electrode lands and said driving electrodes are respectively provided with first and second conductive layers thereon, and one of said first and second conductive layers includes permanently magnetized magnetic material, and the other one of said first and second conductive layers includes magnetic material that is not magnetized.
3. The inkjet head system according to claim 2, wherein said one of said first and second conductive layers includes powder of permanent magnet.
4. The inkjet head system according to claim 3, wherein said other one of said first and second conductive layers includes powder of iron.
5. The inkjet head system according to claim 2, wherein said electrode lands and said driving electrodes are respectively provided with first and second conductive layers thereon, and each of said first and second conductive layers includes permanently magnetized magnetic material.
6. The inkjet head system according to claim 2, wherein each of said first and second conductive layers is made of thermosetting resin that includes magnetic material.
7. The inkjet head system according to claim 2, wherein each of said first and second conductive layers is made of an adhesive agent that includes magnetic material.
8. An inkjet head, comprising:
a terminal to be connected with an external power line to receive power for driving said inkjet head, said terminal being provided with magnetic material, said magnetic material allowing said terminal being detachably connected with the external power line by

means of magnetic force.

9. The inkjet head according to claim 8, wherein said magnetic material is permanently magnetized.

10. The inkjet head according to claim 8, wherein said magnetic material is ferromagnetic material that is not magnetized.

11. The inkjet head system according to claim 10, wherein said magnetic material is iron.

12. The inkjet head according to claim 8, wherein said magnetic material is provided on said terminal by forming a layer of thermosetting resin that includes said magnetic material.

13. The inkjet head according to claim 12, wherein said magnetic material is mixed into said resin in a form of powder.

14. The inkjet head according to claim 8, wherein said magnetic material is provided on said terminal by forming a layer of an adhesive agent that includes said magnetic material.

15. A flexible printed board for use in combination with an inkjet head having terminals including magnetic material, said flexible printed board comprising:

an electrode land to be connected with the terminal of the inkjet head to provide power thereto; and

a conductive layer formed on said electrode land, said conductive layer including magnetic material, said conductive layer and the terminal of the inkjet head attract and establish connection with each other due to a magnetic force acting therebetween.

16. The flexible printed board according to claim 15, wherein said magnetic material is permanently magnetized.

17. The flexible printed board according to claim 15, wherein said magnetic material is ferromagnetic material not magnetized.

18. The flexible printed board according to claim 15, wherein said conductive layer is made of thermosetting resin including said magnetic material.

19. The flexible printed board according to claim 18, wherein said magnetic material is mixed into said thermosetting resin in a form of powder.

20. The flexible printed board according to claim 15, wherein said conductive layer is made of an adhesive agent including said magnetic material.